



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

RADEMACHER et al.

Serial No. 10/009,629

Filed: December 12, 2001

For: METHOD OF GENERATING PLANTS WITH AN INCREASED CONTENT OF
FLAVONOIDS AND PHENOLIC CONSTITUENTS



Group Art Unit: 1616

Examiner: PRYOR, A.

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Honorable Commissioner of Patents
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AMENDMENT UNDER 37 CFR 1.111

In response to the Office action of August 19, 2004, please enter the following
amendment.

02/08/2005 RHARMON 00000004 110345 10009629

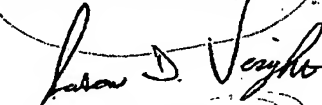
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Moreover, the claimed process and compositions would not have been obvious in view of the cited art. None of the cited references contains any teaching or suggestion to use acylcyclohexanediones to increase and qualitatively modify the content of flavonoids and phenolic constituents in plants. Ilan et al. even teaches away from the claimed process because Ilan et al. reports that treating carrot cell cultures with prohexanedione results in decreased content of anthocyanine, which is a flavonoid. Consequently, a skilled person would have deduced that applying acylcyclohexanediones to plants as such may also lead to a reduced flavonoid content in the treated plants and therefore would not have used this substance class.

Please charge any shortage in fees due in connection with the filing of this paper, including Extension of Time fees to Deposit Account No. 11.0345. Please credit any excess fees to such deposit account.

Respectfully submitted,

KEIL & WEINKAUF



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